Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
Data File : BE101553.D
Acq On : 8 Nov 2024 15:44
Operator : RC/JU
Sample : P4739-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-G2

Quant Time: Nov 08 15:28:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	37151	20.000	ng	0.00
21) Naphthalene-d8	10.323	136	149942	20.000	ng	0.00
39) Acenaphthene-d10	14.165	164	100255	20.000	ng	0.00
64) Phenanthrene-d10	16.903	188	260781	20.000	ng	0.00
76) Chrysene-d12	21.063	240	352844	20.000	ng	-0.01
86) Perylene-d12	23.348	264	472912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	335295	159.581	ng	0.00
7) Phenol-d6	6.938	99	403910	140.210	ng	0.00
23) Nitrobenzene-d5	8.766	82	238937	100.655	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	322975	171.204	ng	0.00
45) 2-Fluorobiphenyl	12.790	172	603572	98.301	ng	0.00
79) Terphenyl-d14	19.500	244	1854912	116.368	ng	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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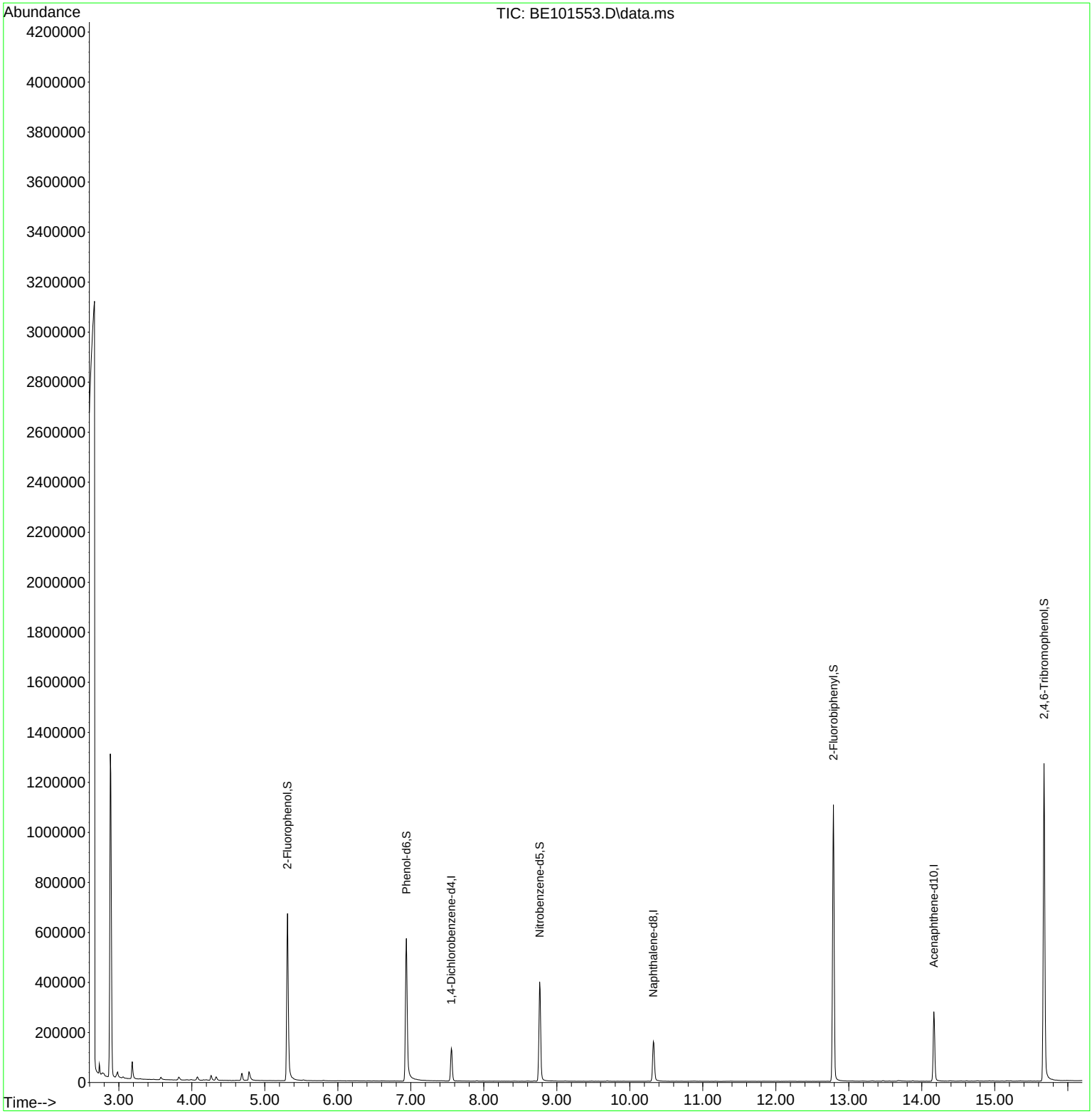

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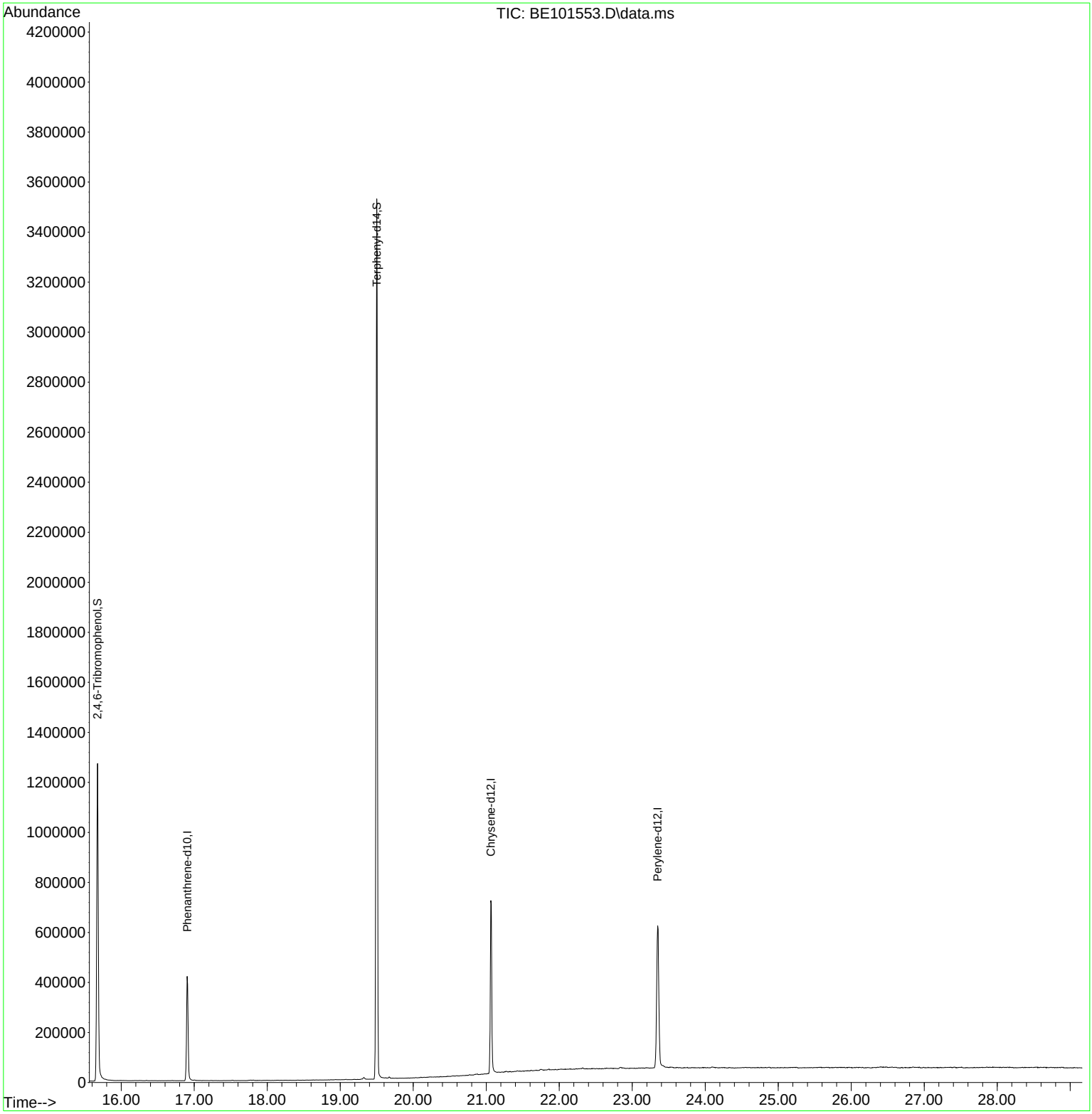
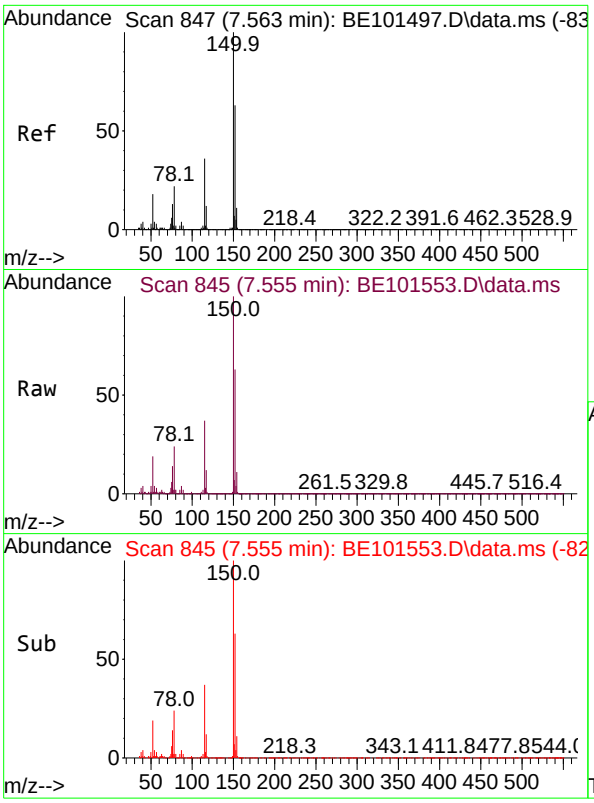


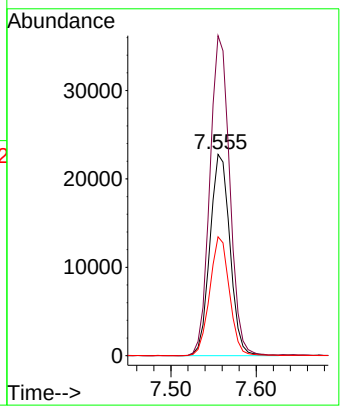


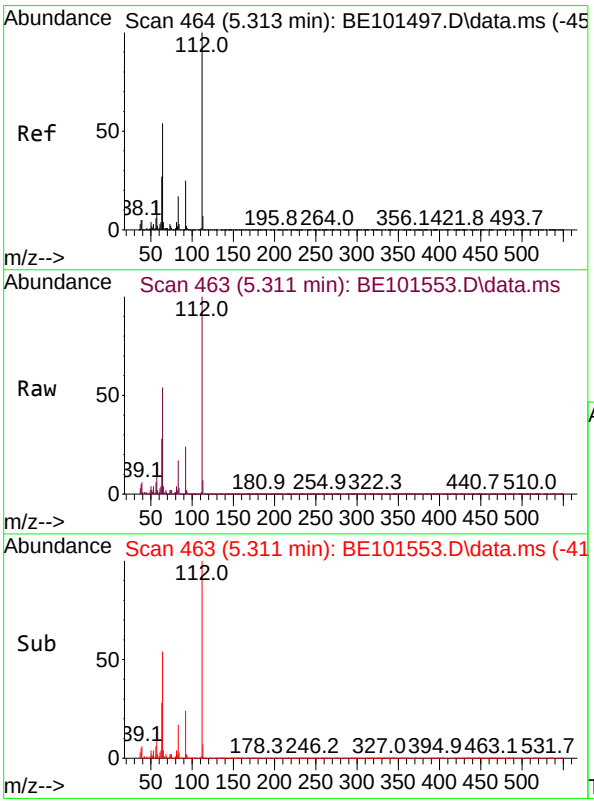
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.555 min Scan# 84
Delta R.T. -0.008 min
Lab File: BE101553.D
Acq: 8 Nov 2024 15:44

Instrument :
BNA_E
ClientSampleId :
BP-G2

Tgt Ion:152 Resp: 37151

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.3	189.5
115	59.1	45.0	67.4

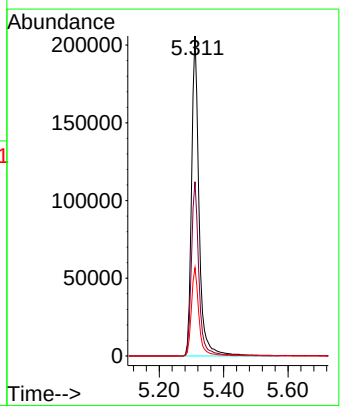


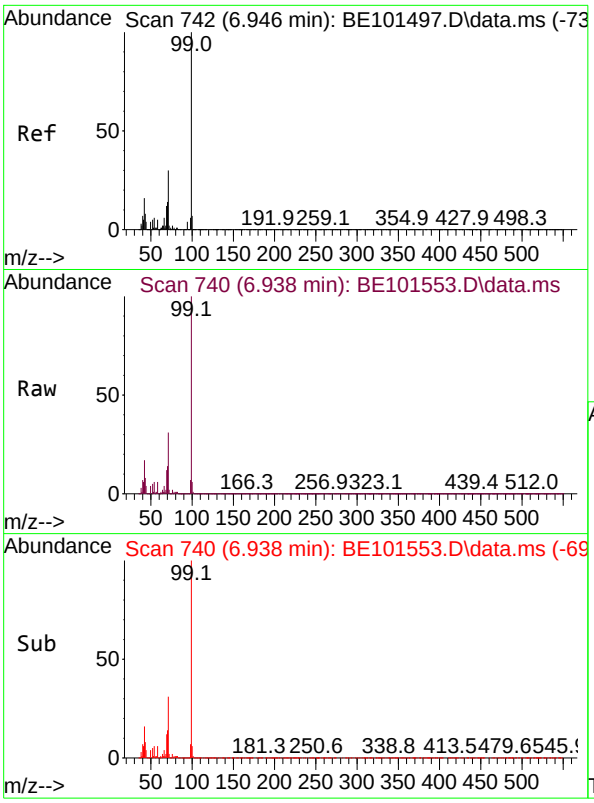


#5
2-Fluorophenol
Concen: 159.581 ng
RT: 5.311 min Scan# 463
Delta R.T. -0.002 min
Lab File: BE101553.D
Acq: 8 Nov 2024 15:44

Tgt Ion:112 Resp: 335295

Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.2	64.8
63	27.6	21.8	32.6



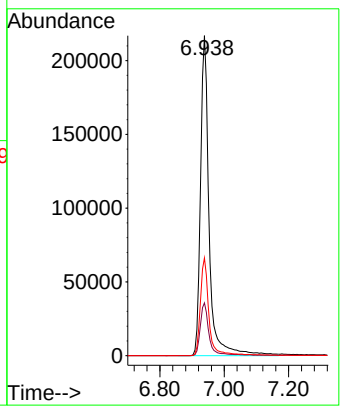


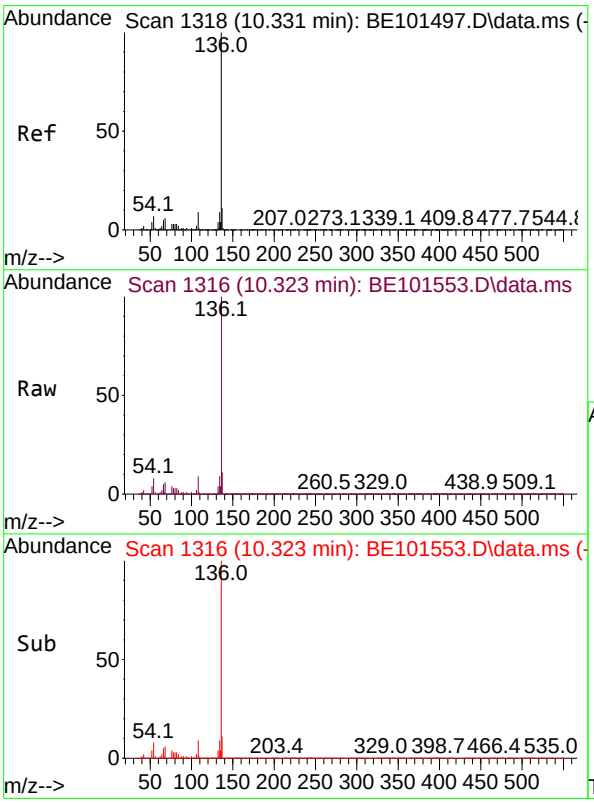
#7
Phenol-d6
Concen: 140.210 ng
RT: 6.938 min Scan# 7
Delta R.T. -0.008 min
Lab File: BE101553.D
Acq: 8 Nov 2024 15:44

Instrument :
BNA_E
ClientSampleId :
BP-G2

Tgt Ion: 99 Resp: 403910

Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.5	18.7
71	30.6	24.2	36.2

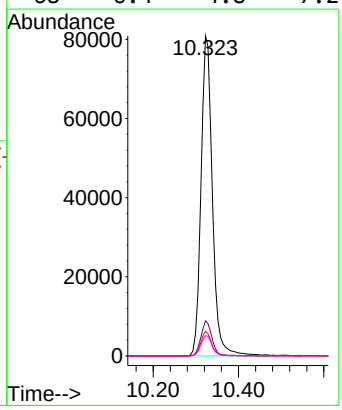


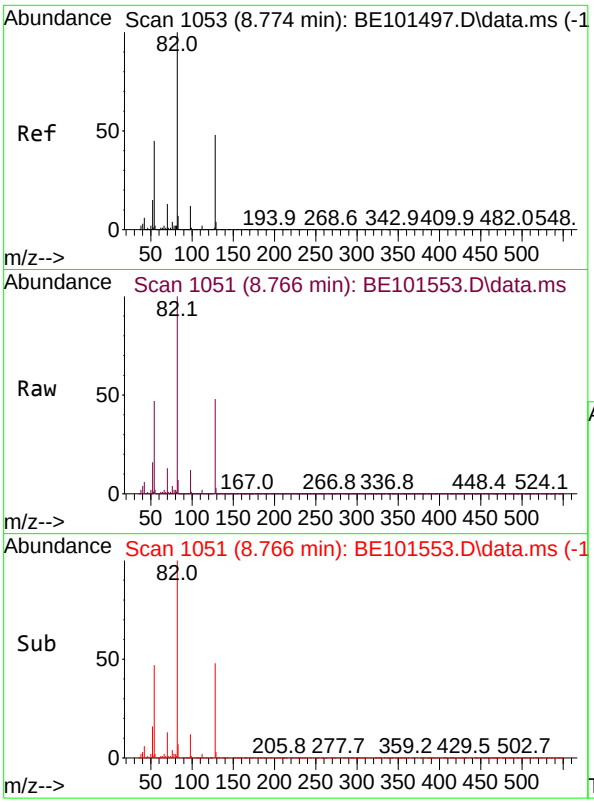


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.323 min Scan# 1316
Delta R.T. -0.008 min
Lab File: BE101553.D
Acq: 8 Nov 2024 15:44

Tgt Ion:136 Resp: 149942

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.7	5.6	8.4
68	6.4	4.8	7.2



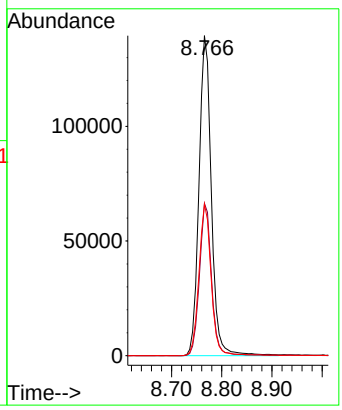


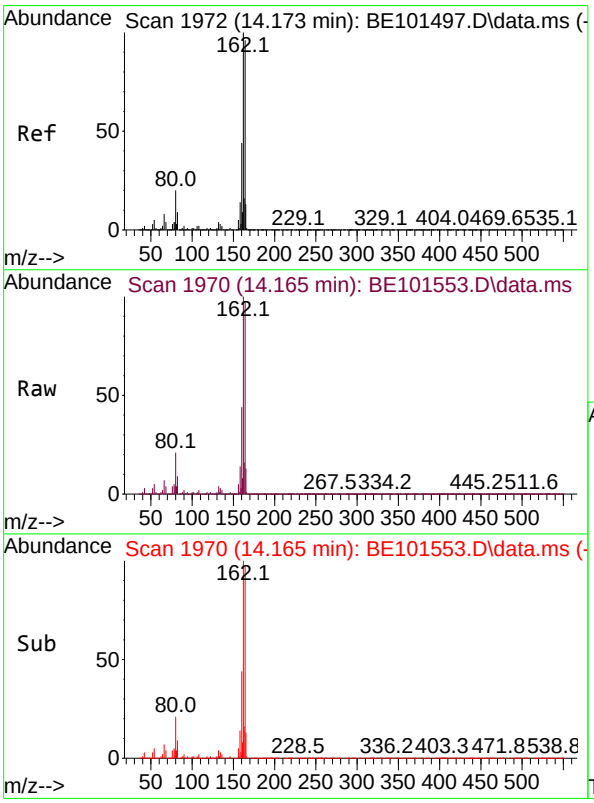
#23
Nitrobenzene-d5
Concen: 100.655 ng
RT: 8.766 min Scan# 1
Delta R.T. -0.008 min
Lab File: BE101553.D
Acq: 8 Nov 2024 15:44

Instrument :
BNA_E
ClientSampleId :
BP-G2

Tgt Ion: 82 Resp: 238937

Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.6	58.0
54	47.4	36.3	54.5

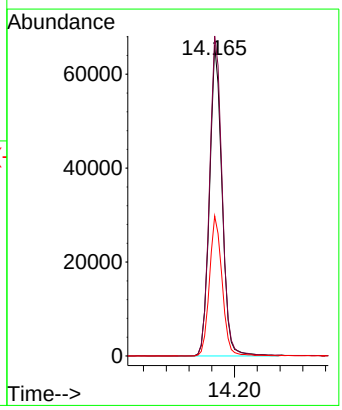


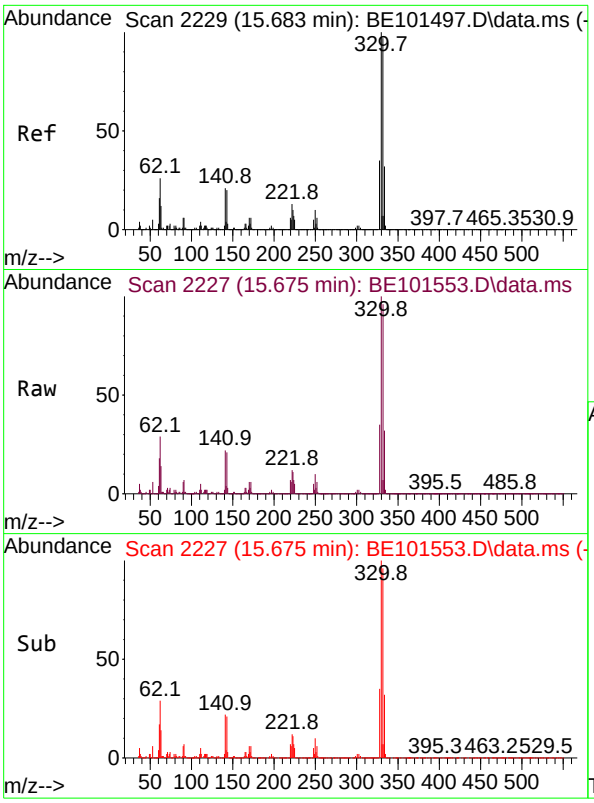


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.165 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BE101553.D
Acq: 8 Nov 2024 15:44

Tgt Ion:164 Resp: 100255

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.7	125.5
160	45.0	37.1	55.7



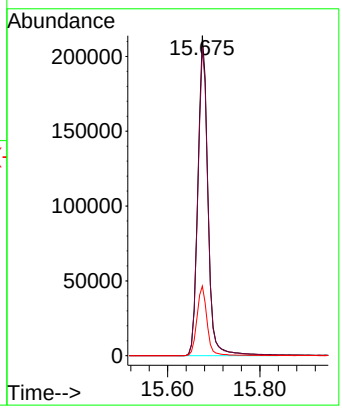


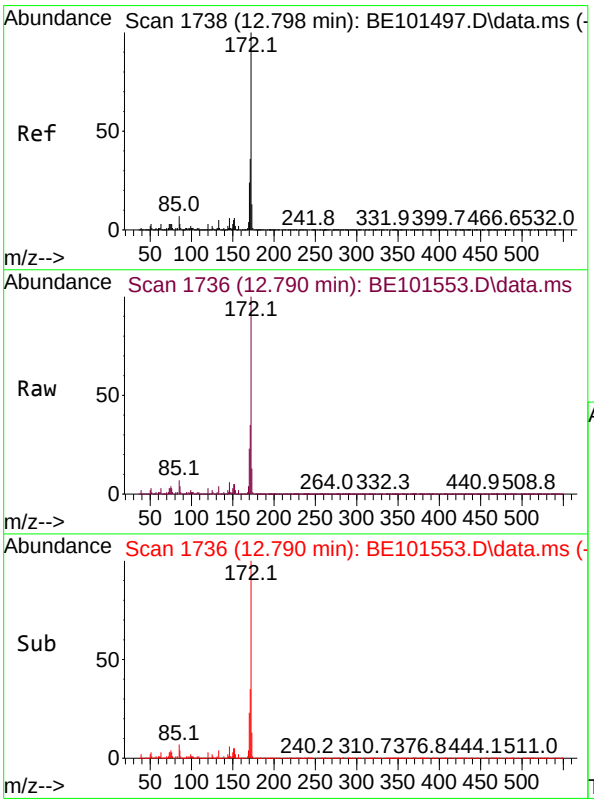
#42
2,4,6-Tribromophenol
Concen: 171.204 ng
RT: 15.675 min Scan# 2
Delta R.T. -0.008 min
Lab File: BE101553.D
Acq: 8 Nov 2024 15:44

Instrument :
BNA_E
ClientSampleId :
BP-G2

Tgt Ion:330 Resp: 322975

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	22.0	17.0	25.4

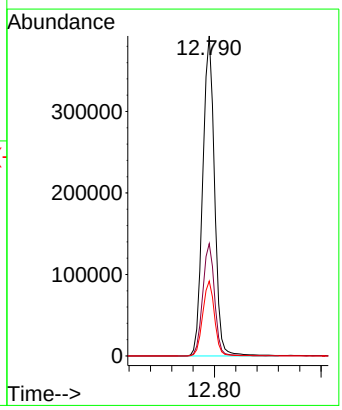


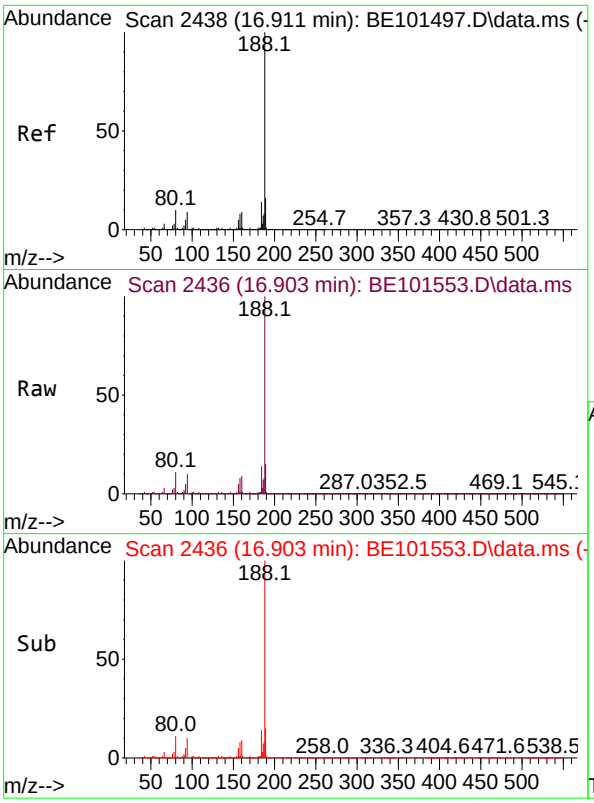


#45
2-Fluorobiphenyl
Concen: 98.301 ng
RT: 12.790 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BE101553.D
Acq: 8 Nov 2024 15:44

Tgt Ion:172 Resp: 603572

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.4	18.9	28.3



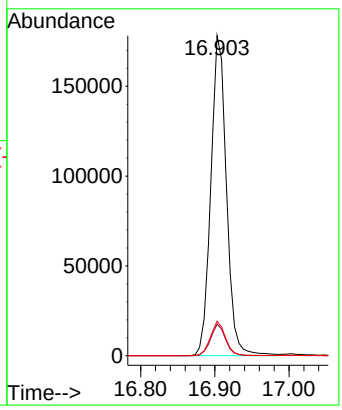


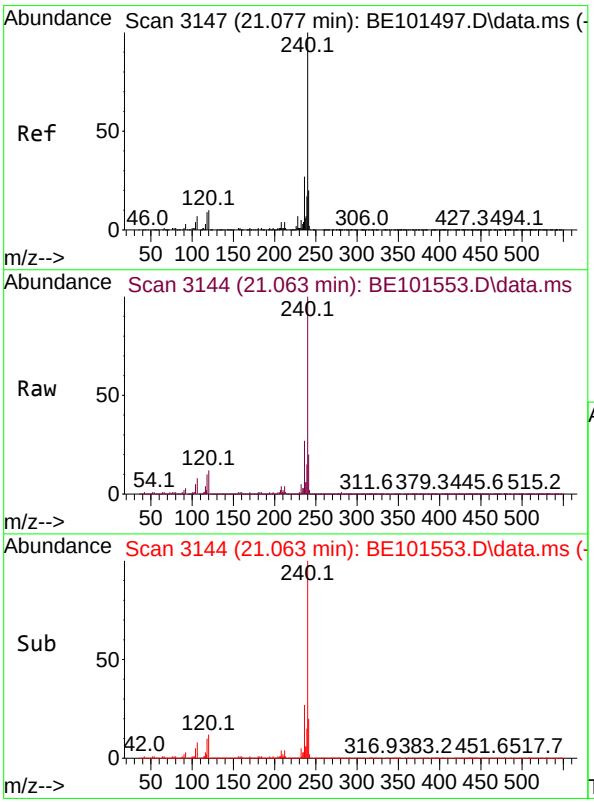
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.903 min Scan# 24
Delta R.T. -0.008 min
Lab File: BE101553.D
Acq: 8 Nov 2024 15:44

Instrument :
BNA_E
ClientSampleId :
BP-G2

Tgt Ion:188 Resp: 260781

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.7	8.0	12.0

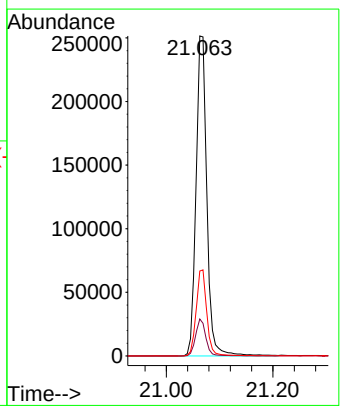


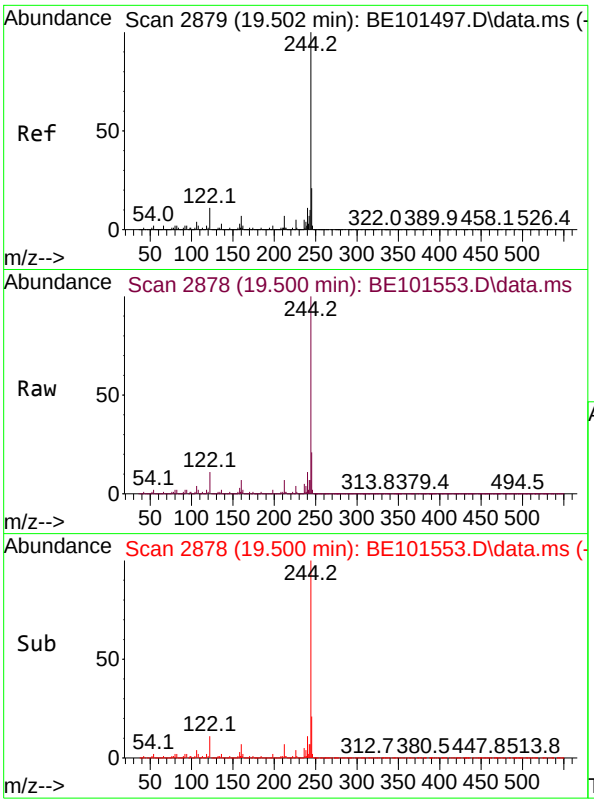


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.063 min Scan# 3144
Delta R.T. -0.014 min
Lab File: BE101553.D
Acq: 8 Nov 2024 15:44

Tgt Ion:240 Resp: 352844

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.2	12.4
236	26.6	21.4	32.2



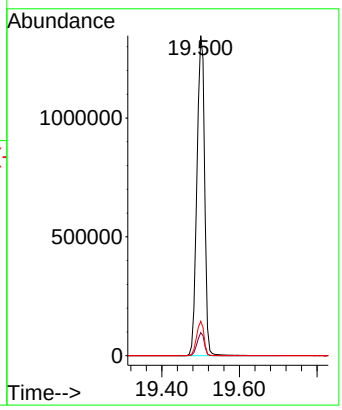


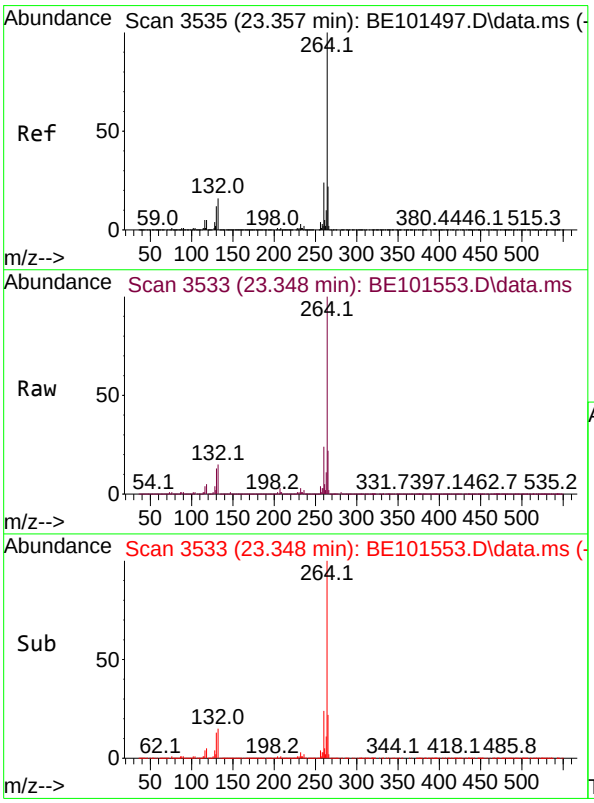
#79
Terphenyl-d14
Concen: 116.368 ng
RT: 19.500 min Scan# 2
Delta R.T. -0.002 min
Lab File: BE101553.D
Acq: 8 Nov 2024 15:44

Instrument :
BNA_E
ClientSampleId :
BP-G2

Tgt Ion:244 Resp: 1854912

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.7	8.4	12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.348 min Scan# 3533
Delta R.T. -0.008 min
Lab File: BE101553.D
Acq: 8 Nov 2024 15:44

Tgt Ion:264 Resp: 472912

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.7	17.4	26.2